

CLAIMS

What is claimed is:

1 A method for editing heterogeneous media objects in a digital imaging device
5 having a display screen, the method comprising the steps of:

a) displaying a representation of each one of the media objects on the
display screen, each one of the media objects having one or more media
types associated therewith, wherein the media types include a still image,
video, and audio;

10 b) enabling a user to randomly select a particular media object to edit;

c) in response to a user pressing a key to edit the selected media object,
invoking one or more specialized edit screens for editing the media types
associated with the selected media object, wherein

15 i) if the media object includes a still image, then an image editing
screen is invoked,

ii) if the media object includes a video clip, then a video editing screen
is invoked, and

iii) if the media object includes an audio clip, then an audio editing
screen is invoked.

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2 A method as in claim 1 wherein the media types further include a sequential
image, and text, step (c) further including the steps of:

iv) if the media object includes text, then a text editing screen is
invoked.

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3 A method as in claim 2 wherein step (c) further includes the step of:
i) displaying in each one of the specialized editing screens, a representation of the selected media object's content, items to be applied to the selected media object, and at least one soft key function, whereby each one of the specialized editing screens operates in a similar manner to ease use and operation of the digital imaging device and to facilitate creation of multimedia presentations on the digital imaging device.

10 4 A method as in claim 3 wherein step (c) further includes the step of:
providing at least one of the specialized editing screens with discrete cursor locations, which the user navigates among using a navigation control.

15 5 A method as in claim 4 wherein step (c) further includes the step of:
providing at least one of the specialized editing screens with real time preview of editing functions applied to the selected media object.

20 6 A method as in claim 5 wherein step (b) further includes the steps of:
i) displaying a plurality of thumbnail images on the display screen, wherein each thumbnail image represents one of the stored media objects; and

- ii) providing an icon area on the display screen for displaying an indication of the media types associated with a selected media object.

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7 A digital imaging device for editing heterogeneous media objects, comprising:

a randomly-accessible mass storage device for storing the heterogeneous media objects, each one of the media objects having one or more media types associated therewith, wherein the media types include a still image, a sequential image, video, audio, and text;

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a video codec for decoding the video associated with a stored media object when the stored media object is to be displayed;

a hardware user interface for displaying the heterogeneous media objects, the hardware user interface including a navigational control, and means to select one of the media objects; and

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processing means coupled to the mass storage device, the video codec, and to the hardware user interface for controlling operation of the digital imaging device, the processing means functioning such that in response to the using randomly selecting one of the media objects to edit, the processing means invokes one or more specialized edit screens for editing the media types associated with the selected media object, wherein the specialized edit screens include an image editing screen for editing still and sequential images, a video editing screen for editing video, an audio editing screen for editing audio, and a text editing screen for editing text.

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8 A digital imaging device as in claim 7 wherein the each one of the specialized editing screens displays a representation of the selected media object's content, editing items to be applied to the selected media object, and at least one soft key function, whereby each one of the specialized editing screens operates in a similar manner to ease use and operation of the digital imaging device and to facilitate creation of multimedia presentations on the digital imaging device.

9 A digital imaging device as in claim 8 wherein at least one of the specialized editing screens includes discrete cursor locations, which the user navigates among using a navigation control.

10 A digital imaging device as in claim 9 wherein at least one of the specialized editing screens displays a real time preview of selected editing items applied to the selected media object.

11 A digital imaging device as in claim 10 further including a display screen, wherein the processing means displays thumbnail images on the display screen representing the stored media objects, and provides an icon area on the display screen for displaying an indication of the media types associated with the selected media object.

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12 A digital imaging device as in claim 11 wherein each one of the selected media objects to edit are stored in a slide show media object.

13 A method for editing heterogeneous media objects stored in a digital imaging device having a display screen, the method comprising the steps of:

- a) creating a slide show from randomly selected ones of the heterogeneous media objects stored in the digital imaging device, each one of the heterogeneous media objects comprising at least one media type, the media types including a still image, a sequential image, video, audio, and text;
- b) in response to a user editing the slide show, displaying a slide show edit screen, wherein a representation of each media object comprising the slide show is displayed on the display screen;
- c) enabling a user to randomly select media objects to edit;
- d) enabling the user to edit the selected media object's content; and
- e) enabling the user to edit properties associated with the selected media object.

14 A method as in claim 13 wherein step (d) further includes the step of:

- i) in response to a user editing the selected media object's content, invoking one or more specialized edit screens for editing the media types associated with the selected media object, wherein the specialized edit screens include an image editing screen for editing still and sequential

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images, a video editing screen for editing video, an audio editing screen for editing audio, and a text editing screen for editing text.

15 A method as in claim 14 wherein step (d) further includes the step of:

5 ii) displaying in each one of the specialized editing screens, a representation of the selected media object's content, items to be applied to the selected media object, and at least one soft key function, whereby each one of the specialized editing screens operates in a similar manner to ease use and operation of the digital imaging device and to facilitate
10 creation of multimedia presentations on the digital imaging device.

16 A method as in claim 15 wherein step (d) further includes the step of:

15 iii) providing at least one of the specialized editing screens with discrete cursor locations, which the user navigates among using a navigation control.

17 A method as in claim 16 wherein step (c) further includes the step of:

20 iv) providing at least one of the specialized editing screens with real time preview of editing functions applied to the selected media object.

18 A method as in claim 17 wherein step (b) further includes the steps of:

i) displaying a plurality of thumbnail images on the display screen, wherein each thumbnail image represents one of the stored media objects; and

ii) providing an icon area on the display screen for displaying an indication of the media types associated with a selected media object.

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FOOTNOTES